

# PaloAltoGreen RENEWABLE POWER

Palo Alto customers who choose PaloAlto**Green** support 100% renewable energy because the City purchases renewable power certificates equivalent to 100% of their home's electric use.

PaloAlto**Green** is a voluntary program, and it costs slightly more (roughly \$10 more per month) for the average Palo Alto home. PaloAlto**Green** costs more because it supports 100% renewable energy, which is more expensive than the current CPAU power supply.

All of PaloAlto**Green**'s 100% renewable energy is annually certified by Green-e which ensures the program meets the minimum environmental and consumer protection standards established by the Center for Resource Solutions. Currently, 100% of PaloAlto**Green**'s energy is backed by solar generation within the state of California, including Palo Alto.

For more information on Green-e Certified Energy, call 1-888-63-GREEN or visit [www.green-e.org](http://www.green-e.org)



PaloAltoGreen™

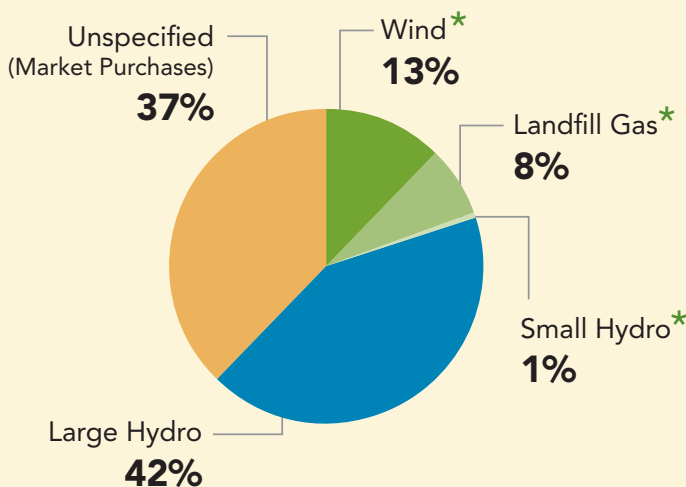


Energy  
CERTIFIED

## POWER CONTENT LABEL

This brochure informs customers of the source of power they are being sold. Information is provided in the form of a Power Content Label, which is very much like a nutrition label and helps consumers make informed decisions.

\* Eligible Renewables



## POWER SOURCES

In 2012, dry weather conditions limited CPAU's hydroelectric generation. But in spite of the below-average hydro output, 64% of CPAU's power came from carbon-free sources. CPAU power sources include the High Winds and Shiloh wind projects, California landfill gas-fired projects in Watsonville, Half Moon Bay and Pittsburg, the Calaveras hydroelectric project, the Western Area Power Administration (Western) contract, and short-term contracts from the wholesale market. Western power comes from California Central Valley Project hydroelectric facilities. Percentages vary annually based on the available output from our contracted hydro, wind and landfill gas generators.

Palo Alto won the Department of Energy's 2012 Public Wind Power Award for its substantial use of renewable wind power.

# POWER CONTENT LABEL—FINAL 2012

ENERGY RESOURCES	PALOALTOGREEN <sup>(a)(b)</sup> (actual)		2012 CPAU POWER MIX <sup>(c)</sup> (actual)	2011 CA POWER MIX <sup>(d)</sup> (for comparison)
	HISTORIC (2012)	PROJECTED (2013)		
Eligible Renewables	100%	100%	21%	14%
-Biomass & Waste	0%	0%	8%	2%
-Geothermal	0%	0%	0%	5%
-Small hydroelectric	0%	0%	1%	2%
-Solar	2.5% <sup>[1]</sup>	100% <sup>[3]</sup>	0%	<1%
-Wind	97.5% <sup>[2]</sup>	0%	13%	5%
Coal	0%	0%	0%	8%
Large Hydroelectric	0%	0%	42%	13%
Natural Gas	0%	0%	0%	36%
Nuclear	0%	0%	0%	15%
Unspecified <sup>(e)</sup>	0%	0%	37%	14%
ANNUAL TOTAL	100%	100%	100%	100%

[1] 2.5% California solar  
[2] 97.5% Washington and Idaho wind  
[3] 100% California solar

i. New Renewables come from generation facilities that first began commercial operation on or after 1/1/99.

- (a) PaloAltoGreen is a voluntary renewable energy program from City of Palo Alto Utilities that matches 100% of your estimated monthly electricity usage with solar for an additional 1.5 cents per kilowatt-hour. The product is made up of Green-e Certified new<sup>(i)</sup> renewable resources averaged annually.
- (b) These figures reflect the power that we have contracted to provide. Actual figures may vary according to resource availability. We will annually report to you the actual resource mix of the electricity you purchased during the preceding year.

- (c) CPAU Power is the default power mix for CPAU customers. In 2012, 63% of CPAU power was purchased from carbon neutral sources such as hydropower and eligible renewables. CPAU 2012 power mix avg. carbon content was 0.135 lbs per kWh.
- (d) CA Power Mix percentages are estimated annually by the California Energy Commission based on the electricity sold to California consumers during the previous year. In 2012, 37% of CPAU Power was short-term, general market purchases, referred to as “unspecified” sources.
- (e) Unspecified sources of power refers to electricity from transactions that can’t be traced to specific generation sources.

Most percentages are rounded so the numbers may surpass 100% when added together.

For more details about CPAU power content, visit [www.cityofpaloalto.org/powercontentlabel](http://www.cityofpaloalto.org/powercontentlabel) or call City of Palo Alto Utilities at (650) 329-2161. For general information about the Power Content Label, contact the California Energy Commission at 1-800-555-7794 or [www.energy.ca.gov/sb1305](http://www.energy.ca.gov/sb1305)